OCT 1 0 2006

#### PATENT APPLICATION

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

New Attorney Docket No.: 3275.27US01

Old Attorney Docket No.: LWM-A078

YAN et al.

Confirmation No. 5733

Application No.:

10/082,603

Examiner: Sung H. Pak

Filed: February 22, 2002

Group Art Unit: 2874

For:

FILTER RESPONSE OPTIMIZATION FOR AN ARRAYED WAVEGUIDE

GRATING DEVICE BY ADJUSTING GRATING OPTICAL PATH LENGTH AT

NANOMETER SCALE

COU:

### **AMENDMENT**

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

### INTRODUCTORY COMMENTS

In response to the Office Action of August 11, 2006, please enter the following amendments.

The present amendment comprises the following sections:

- A. Amendment to the Claims
- B. Remarks

Please grant any extension of time necessary for entry; charge any fee due to Deposit Account No. 50-3863.

# CHRITIFICATE OF FACSIMILE TRANSMISSION

Thereby certify that this paper is being transmitted by facsimile to the U.S. Patent and Trademark Office, Fax No. 571-273-8300 on the date shown below thereby constituting filing of same.

October 10, 2006

Date

Peter S. Darrhi Ph D